

AMENDMENTS TO THE CLAIMSLISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims of the application:

Claim 1 (Currently Amended) A real-time data transmitting method for transmitting real-time data of a plurality of audio channels of a multi-channel audio system in a predetermined format using a plurality of units each having a predetermined data length among devices linked to a predetermined bus line, wherein the predetermined bus line further supports asynchronous data transmission for transmitting control data, comprising the steps of:

setting up a sub-label section between a label section and a data transmission section including the real-time data of the plurality of audio channels in a unit having the predetermined data length; and

placing identification data related to a spatial placement of the data of the plurality of audio channels in the sub-label section and the real-time data of the plurality of audio channels in the data transmission section, ~~wherein~~

~~the predetermined bus line supports real-time data transmission for transmitting the data of the plurality of audio channels and asynchronous data transmission for transmitting control data.~~

Claims 2-5 (Cancelled).

Claim 6 (Currently Amended) A real-time data transmitting apparatus comprising:

data input means for obtaining real-time data of a plurality of audio channels of a multi-channel audio system;

transmission data generating means for transmitting the real-time data of the plurality of audio channels in a predetermined format using a plurality of units each having a predetermined data length among devices linked to a predetermined bus line, wherein the predetermined bus line further supports asynchronous data transmission for transmitting control data, the transmission data generating means sets up a sub-label section between a label section and a data transmission section including the real-time data of the plurality of audio channels in a unit having the predetermined data length, and places identification data related to a spatial placement of the real-time data of the plurality of audio channels in the sub-label section and the data of the plurality of audio channels in the data transmission section; and

sending means for sending the transmission data generated by the transmission data generating means to the predetermined bus line, wherein

~~the predetermined bus line supports real-time data transmission for transmitting the data of the plurality of audio channels and asynchronous data transmission for transmitting control data.~~

Claims 7-10 (Cancelled).